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(54) Title: PROCESS FOR THE CATALYTIC HYDROGENATION OF A NITRILE

(57) Abstract: Process for the catalytic hydrogenation of a nitrite in the presence of an amine and a catalyst wherein the catalyst is a liquid-rinsed Raney-type catalyst contacted with a hydroxide prior to contacting the catalyst with the amine. The process results in higher selectivity in the formation of diamines from dinitriles.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 777 166 A (SPINDLER JEAN-FRANCIS ET AL) 7 July 1998 (1998-07-07) cited in the application column 5, line 33 - line 47 column 6, line 22 - line 42 claim 1	1-11
X	WO 99/33561 A (BOSCHAT VINCENT ;LECONTE PHILIPPE (FR); RHONE-POULENC FIBRES (FR)) 8 July 1999 (1999-07-08) page 2, line 30 - page 3, line 10 page 3, line 23 - page 5, line 7 example 2	1-11
A	US 5 574 181 A (BOSMAN HUBERTUS J M ET AL) 12 November 1996 (1996-11-12) examples I-IV	1-11

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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A	WO 01/66511 A (BOSCHAT VINCENT ;LECONTE PHILIPPE (FR); RHODIA POLYAMIDE INTERMEDI) 13 September 2001 (2001-09-13) example 5 claim 1	1-11

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